The Claims:

1-7 (Canceled)

8. (Previously Presented) Apparatus for scanning a beam of light in a digital image recorder, comprising:

a translation stage;

a translational cylinder slidably coupled to the translation stage and having an interior surface comprising a curved writing platen;

a rotatable shaft having a first reflective surface, the translational cylinder translating in at least one direction relative to the first reflective surface, the translation stage causing the translation of the translational cylinder; and

a light source emitting a beam of light directed to the reflective surface for reflection therefrom to the curved writing platen.

9. (Original) The apparatus of Claim 8, wherein the translational cylinder and the rotatable shaft advance one line width, relative to the rotatable shaft, for each revolution of the shaft, in a direction parallel to the central axis of the cylinder.

10. (Original) The apparatus of Claim 9, wherein the line width is approximately equal to four and two tenths microns.

11. (Original) The apparatus of Claim 8, further comprising a vacuum for removably coupling a sheet of film with the writing platen.

12. (Original) The apparatus of Claim 8, further comprising a source of static electricity for removably coupling a sheet of film with the writing platen.

13. (Original) The apparatus of Claim 8, further comprising a line start detector operable to produce an electrical pulse in response to the passage of the beam of light over a knife edge, the line start detector and the knife edge coupled with the translational cylinder.

14. (Original) The apparatus of Claim 13, further comprising a collimating lens coupled with the translational cylinder between the knife edge and the detector and operable to collimate the beam of light to maintain a substantially constant diameter of the beam to facilitate precise measurement of the beam by the detector.

15-20 (Canceled)

21. (Previously Presented) The apparatus of Claim 8, wherein the translational cylinder translates parallel to an axis of the rotatable shaft.

22. (Canceled)